

February 26, 2002

MEMORANDUM TO: Eric J. Leeds, Chief  
Special Projects Branch  
Division of Fuel Cycle Safety  
and Safeguards

THRU: Joseph G. Giitter, Chief  
Enrichment Section  
Special Projects Branch, FCSS

FROM: Timothy C. Johnson  
Senior Mechanical Systems Engineer **/RA/**  
Enrichment Section  
Special Projects Branch, FCSS

SUBJECT: FEBRUARY 20, 2002, MEETING SUMMARY: U.S. ENRICHMENT  
CORPORATION GAS CENTRIFUGE SITE VISIT

On February 20, 2002, U.S. Nuclear Regulatory Commission (NRC) staff visited U.S. Enrichment Corporation (USEC) and U.S. Department of Energy (DOE) gas centrifuge test facilities in Oak Ridge, Tennessee. I am attaching the meeting summary for your use. This summary contains no proprietary or classified information.

Docket No: 70-7003

Attachment: USEC Gas Centrifuge Test Facility  
Site Visit Summary

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<b>OFC</b>	SPB		SPB		SPB	
<b>NAME</b>	TCJohnson:dw*		DHoadley*		JGiitter*	
<b>DATE</b>	2 / 26 /02		2 / 26 /02		2 / 26 /02	

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U.S. Enrichment Corporation Gas Centrifuge  
Test Facility Site Visit Summary

Date: February 20, 2002

Place: Gas Centrifuge Test Facility; Oak Ridge, Tennessee

Attendees: See Attachment 1

Purpose:

The purpose of this site visit was to discuss with the U.S. Enrichment Corporation (USEC) and the U.S. Department of Energy (DOE) staff gas centrifuge technology and tour the gas centrifuge test facility.

Discussion:

Following introduction of individuals attending the meeting, USEC staff provided a discussion of their plans for performing demonstration tests of DOE's advanced gas centrifuges and developing a lead cascade and ultimately a commercial-scale gas enrichment facility using the DOE technology. This discussion was followed by a classified discussion of gas centrifuge technology and the developments DOE has made. U.S. Nuclear Regulatory Commission (NRC) staff then toured DOE's test and demonstration facility.

USEC is currently waiting for agreement on a new Cooperative Research and Development Agreement with DOE to continue test and demonstration activities at the Oak Ridge site. USEC staff was hopeful this agreement would be concluded soon so that it can meet its lead cascade licensing schedule objectives.

Regarding 10 CFR Part 70 quality assurance requirements, NRC staff indicated that a 10 CFR Part 50, Appendix B quality assurance program is required only for plutonium processing and fuel fabrication facilities. For other 10 CFR Part 70 facilities, management measures are required that include a quality assurance component. This quality assurance component, however, does not prescribe an Appendix B level program.

NRC staff indicated it was discussing with DOE the development of a gas centrifuge training course for NRC staff. The scope of the training would include centrifuge technology and safety issues. USEC staff indicated that it would cooperate with NRC and DOE as necessary for this training.

Action Items:

None

Attachments: 1. Attendee list

## NRC Visit to Oak Ridge February 20, 2002

<u>Name</u>	<u>Organization</u>	<u>Telephone NO.</u>	<u>E-Mail Address</u>
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Attachment